

# Hafizullah Samim

Software Engineer | Backend & Microservices | Java & Spring | System Design | Event-Driven Architecture

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## Summary

Software Engineer with 6+ years of experience delivering backend services and platform components in Java/Spring ecosystems. Proven track record designing and building microservices, developing SDKs and service contracts, and implementing scalable, maintainable systems. Strong hands-on expertise with Spring Boot, distributed service design, API lifecycle, and cross-team collaboration; additional frontend experience with Angular to deliver end-to-end features.

## CORE SKILLS

**Languages:** Java, Python, C#, TypeScript/JavaScript, HTML/CSS, SQL

**Backend:** Spring Framework/Spring Boot, REST APIs, Spring Security, OAuth2/JWT, JPA/Hibernate, Spring Cloud

**Architecture & Design:** Microservices, Event-Driven Architecture, API/Service contract design

**Frontend:** Angular, React, HTML/CSS, SPA patterns, API integration

**Messaging & Integration:** Apache Kafka, Zookeeper, KRaft, Confluent Schema Registry, RabbitMQ

**Quality & Delivery:** Unit/Integration Testing, CI/CD concepts, Code Reviews, Documentation, Agile/Scrum

**Tools:** Git, Docker, Kubernetes, MySQL/PostgreSQL, CI (Jenkins/GitHub Actions/GitLab), Grafana, Prometheus

## EXPERIENCE

### Scheer IMC

Apr. 2023 – Mar. 2025

*Software Engineer (Platform/Microservice, Event Streaming, Spring Boot, SDK)*

Saarbrücken, Germany

- Developed and maintained multiple **Spring Boot REST** services, including:
  - \* **Credential Manager Service** to manage keys and credentials, integrated with **Azure Key Vault**.
  - \* **AI Translator Service** enabling translation into **30+ languages** using AI capabilities for the e-learning platform.
  - \* **Search Service** integrated with **Elasticsearch** to support **text + vector search**, serving **20k+ queries/day**.
- Built **Java 17+ SDKs** to standardize integrations and event streaming, including a **Kafka SDK** used by systems to **publish/consume** events.
- Shipped PF4J-based data connector plugins, including:
  - \* **Search plugin:** pulls **500k+ records/day** from LMS platforms, maps/transforms content, and indexes it into **Elasticsearch** to enable **text + vector search**.
  - \* **Event streams plugin:** built with **Kafka Streams** to process **50k+ events/sec**, perform transformations/aggregations, and publish results to downstream topics.
- Produced API specifications and documentation using **OpenAPI/Swagger** to ensure consistent service contracts.
- Implemented comprehensive **Unit/Integration tests** using **JUnit and Mockito**, improving reliability and maintainability of service codebases.
- Delivered internal **technical talks** and **guidelines** for new services, integrations, and engineering best practices.

### Moore Afghanistan

Nov. 2017 – Sep. 2021

*Software Engineer (Backend, Frontend, Spring Boot, REST API)*

Kabul, Afghanistan

- Developed **Spring Boot REST services** integrated with the **Afghan Payment Switch** to process online payments and banking transactions; used **RabbitMQ** for asynchronous workflows.
- Delivered an **SSO service** for 4 company platforms, implementing **OAuth2** with **Spring Security** and **JWT**.
- Maintained and debugged production **payment APIs**, resolving defects and implementing fixes to improve stability and reduce recurring issues.
- Led modernization efforts by migrating a **PHP monolithic** payment application to a **Spring Boot microservices** and REST-based architecture.
- Built **Angular** frontend modules for the SSO administration, enabling user management workflows.
- Wrote **Unit/integration tests** and produced technical documentation to support maintainability and onboarding.

## Code Skills

Nov. 2016 – Oct. 2017

*Founder & Lead Instructor (Software Development)*

Kabul, Afghanistan

- Founded and managed a software training center; designed and maintained course curricula and materials for **Java**, **NodeJS**, **mobile application development**, and **frontend technologies**.
- Trained **80+** university students through structured instruction and **team-based, project-driven learning**, preparing participants for entry-level software roles.

## EDUCATION

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**Fulda University of Applied Science**

Oct. 2022 – Sep 2024

*Master of Global Software Development*

Fulda, Germany

**Kabul Polytechnic University**

Mar. 2013 – Nov 2016

*Bachelor of Science in Computer Science*

Kabul, Afghanistan